



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Re

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
PO040081	MCM001-VU	1	1	2% 10 Net 30	9263K642	O-Ring receive ea				50	6/7/2018	50		S078377	Stock	6/6/2018	\$ 0.57 / Ea	0		\$28.70	McMaster-Carr Supply Co,
		2			188-FSCS-1032-5/8	Screw				300		300		S078378	Stock	6/6/2018	\$ 0.08 / Ea	0		\$22.83	McMaster-Carr Supply Co,
		3			MT-BRASS-C360-R0 500	Brass C360 Round Bar 0.500"				6		6		S078379	Stock	6/6/2018	\$ 9.16 / ft	0		\$54.95	McMaster-Carr Supply Co,
		4			92198A111	Bolt receive ea				25		25		S078380	Stock	6/6/2018	\$ 0.21 / Ea	0		\$5.31	McMaster-Carr Supply Co,
		5			91525A120	washer D3456-1: AS PER DWG D3456 REV.A				300		300		S078381	Stock	6/6/2018	\$ 0.23 / pcs	0		\$69.60	McMaster-Carr Supply Co,
		6			6264K72	Half Link receive pcs				12		12		S078382	Stock	6/6/2018	\$ 7.80 / Ea	0		\$93.60	McMaster-Carr Supply Co,
										Total:		693								\$274.99	

Plex 6/6/2018 9:05 AM dart.Tollis.Andrew



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040081**

Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

PO No: PO040081

PO Date: 6/1/18

Due Date: 6/5/18

Purchase Order
Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

E-MAILED
JUN 01 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pynt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	9263K642	10/pk	O-Ring receive ea	Firmed	6/5/18	50 Ea	0 Ea	50 Ea	\$0.574/Ea	\$28.70
2	188-FSCS-1032-5/8	92210A303 100/per pk	Screw	Firmed	6/5/18	300 Ea	0 Ea	300 Ea	\$0.0761/Ea	\$22.83
3	MT-BRASS-C360-R0.500	2572T38 6 FT	Brass C360 Round Bar 0.500"	Firmed	6/5/18	6 ft	0 ft	6 ft	\$9.158333/ft	\$54.95
4	92198A111	25/pk	Bolt receive ea	Firmed	6/5/18	25 Ea	0 Ea	25 Ea	\$0.2124/Ea	\$5.31
5	91525A120		washer D3456-1 : AS PER DWG D3456 REV.A	Firmed	6/5/18	300 pcs	0 pcs	300 pcs	\$0.232/pcs	\$69.60

Line Item Note WO 178426

6	6264K72		Half Link receive pcs	Firmed	6/5/18	12 Ea	0 Ea	12 Ea	\$7.80/Ea	\$93.60
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Line Item Note w/o 178523

Grand Total: \$274.99

Order Notes

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A032 DOCUMENT SPECIAL REQUIREMENTS

A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 6/1/18 1:39 PM dart.lavoie.chantal



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO040081

Order Placed By
Chantal Lavoie

McMaster-Carr Number
4395090-02

Page 1 of 1

06/01/2018

Line	Product	Ordered	Shipped
1	9263K642 Chemical-Resistant Viton Fluoroelastomer O-Ring, 1.9 mm Wide, 7.8 mm ID, Packs of 10	5 Packs	5
2	92210A303 18-8 Stainless Steel Hex Drive Flat Head Screw, 10-32 Thread Size, 5/8" Long, Packs of 100	3 Packs	3
4	92198A111 18-8 Stainless Steel Hex Head Screw, 1/4"-28 Thread Size, 1-1/2" Long, Partially Threaded, Packs of 25	1 Pack	1
5	91525A120 316 Stainless Steel Washer, Oversized, 1/4" Screw Size, 0.281" ID, 1" OD, Packs of 25	12 Packs	12
6	6264K72 Adding-and-Connecting Link for ANSI Number 40-SS Single Strand Corrosion-Resistant Roller Chain	12 Each	12



McMASTER-CARR®

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada



Purchase Order
PO040081

Order Placed By
Chantal Lavoie

McMaster-Carr Number
4395090-01

Packing List

Page 1 of 1

06/01/2018

Line	Product	Ordered	Shipped
3	2572T38 Ultra-Machinable 360 Brass Rod with Certification, 1/2" Diameter, 6 Feet Long	1 Each	1

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-Brass C360-B0.500

PO / BATCH NO.: 040081/5078379

DATE: JUN 07 2018

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 6'
 QUANTITY INSPECTED: 6'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.500
 THICKNESS RECEIVED: 0.500
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	<u>As per B16</u>
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	<u>POT 040081 Part # 2572138</u>
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u> DATE: <u>9-89 JUN 07 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL:

C360 BRASS

SPECIFICATION:

ASTM B16

PART NUMBER:

MT-BRASS-C360-R-[D.DDD]

EXAMPLE:

MT-BRASS-C360-R-0.250

TOLERANCES PER MANUFACTURER SPECIFICATIONS

WHERE D.DDD IS DIAMETER IN INCHES

REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
A	NEW ISSUE	17-732	17.11.22	VM	WM

DART AEROSPACE		Newbury, Ontario, Canada	
TITLE: BRASS C360 ROUND BAR			
DWG NO.	MT-BRASS-C360-R	REV	A
DESIGN BY:	VM 11/10/2017	XXX 1/205	FRACTIONS 2/18
DRAWN BY:	VM 11/10/2017	XX 1/1	SURFACES 1/12
CHECKED:	SAC 11/06/2017	1. DIMENSIONS ARE IN INCHES	
MFG. APPR:	OP 11/10/2017	2. INTERPRET DIM AND TOL PER	
APPROVED:	VM 11/21/2017	3. DIMENSIONS APPLY	
DATE:	11/21/2017	4. AFTER TREATMENT	
SCALE:	NTS	WEIGHT:	N/A LBS
SHEET 1 OF 1			
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REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT PERMISSION			
PUBLISHED AEROSPACE LTD			

CERTIFIED TEST REPORT

Trip No. 250855

Bill of Lading: 179002

Packing Slip: 2581800

Ship Date: 03/14/2018

Customer
No.

Bill To

Ship to

01293

COPPER & BRASS SALES
IDPP THYSSENKRUPP MATERIALS NA INC.
PO BOX 5116
SOUTHFIELD, MI 48086-5116COPPER & BRASS SALES IDPP
5230 ASHLAND WAY
FRANKLIN, WI 53132

02

IN-PROCESS OR FINISHED PRODUCT SAMPLES, AS INDICATED BELOW, HAVE BEEN ANALYZED AND TESTED AND FOUND TO CONFORM TO THE CHEMICAL REQUIREMENTS OF THE SPECIFICATION INDICATED WITH THE FOLLOWING RESULTS

Copper	Lead	Iron	TOE	Zinc
ASTM B16/B16M-10 (2015) 60.0-63.0%	2.5-3.0%	0.35%max	0.50%max	Balance
CHEMICAL ANALYSIS STATEMENT OF CONFORMITY				
Chase Brass maintains chemical control according to the following statistical measures which are recalculated monthly:				
Copper	Lead	Iron	TOE	Zinc
Cpk: 3.78	1.70			
Mean: 61.37%	2.67%	0.14%		
Max: 62.23%	2.90%	0.18%	0.17%	Balance
Min: 60.58%	2.50%			

Order Traceability No	Product	Specification No	Customer PO	Quantity	Item No Custom Item No.
222125.1.1	C36000 ALLOY T.R. QUALITY H02 HALF HARD		5400390438/0010	10087	0375RD12 CURD00231
222125.4.1	C36000 ALLOY T.R. QUALITY H02 HALF HARD		5400390438/0050	14960	0500RD12 CURD00895

Certified Mercury Free Material

ISO9001 Certified Quality System

Certificate Number: US006875-1 (Bureau Veritas Certification)

Material is Directive 2000/53/EC Compliant

Material is Directive 2002/95/EC (RoHS) Compliant

Material is Directive 2011/65/EU (RoHS2) Compliant

This test report meets the guidelines of EN 10204 2.1

Melted and manufactured in the USA

Chase produced rod: NAFTA - Yes

We hereby certify that the foregoing data is a true copy of the data furnished us by the producing mill or the data resulting from tests performed in the CHASE BRASS AND COPPER COMPANY, LLC LABORATORY.

**Chase Brass and Copper Company, LLC**14212 Selwyn Drive
Montpelier, Ohio 43543-0152

By

Jack A. Homer
Quality Manager